

AMENDMENTS TO THE CLAIMS

The Listing of Claims will replace all prior versions and listings of claims in the present patent application:

Listing of Claims

1. (Currently Amended) A method for surveillance, comprising:
generating at least one video of at least one surveilled location using at least one camera, based on an initial frame rate;
comparing, during said generating, regions of consecutive frames of the at least one video to determine one or more regions of the frames that exhibit motion;
determining motion in the surveilled location during said generating; and
dynamically varying the frame rate of regions of frames based on the determined motion in the surveilled location during said generating one or more regions of the frame that exhibit motion.
2. (Cancelled)
3. (Original) The method of Claim 1, comprising identifying the motion using a motion detector at the location.
4. (Original) The method of Claim 1, comprising transmitting the video to at least one mobile wireless receiver for display of the video on a mobile terminal.
5. (Original) The method of Claim 4, comprising transmitting the video to plural mobile wireless receivers.
6. (Original) The method of Claim 4, comprising transmitting the video to at least one mobile wireless receiver in real time.

7. (Original) The method of Claim 4, comprising generating at least one electronic or paper billing document based on the transmitting act.

8. (Original) The method of Claim 4, wherein the transmitting act is undertaken in response to a successful authentication.

9. (Currently Amended) The method of Claim 1, ~~comprising compressing the video wherein dynamically varying the frame rate of regions of frames further comprises compressing at a first rate one or more regions of the frame that exhibit motion and compressing at a second rate one or more regions of the frame that do not exhibit motion, wherein the second rate is greater than the first rate.~~

10. (Original) The method of Claim 1, comprising generating plural videos of respective surveillance locations and routing the videos to respective wireless receivers in response to user requests for videos.

11. (Cancelled)

12. (Cancelled)

13. (Original) The method of Claim 4, comprising providing at least one conditional access module in a link between the location and receiver to secure the link.

14. (Original) The method of Claim 13, wherein the link is secured by authenticating at least one of: a source of the video, and the receiver.

15. – 24. (Cancelled)

25. (Currently Amended) A surveillance method, comprising:
using a surveillance camera to generate a video feed by generating video frames of at least one surveilled location based on an initial frame rate;

comparing, during said generating, regions of consecutive video frames to determine one or more regions of the frames that exhibit motion;

~~determining motion in the surveilled location during said generating; and~~

~~dynamically varying the frame rate of regions of the video frames based on the determined motion in the surveilled location during said generating~~ one or more regions of the video frame that exhibit motion; and

transmitting the video feed in real time to at least one monitoring receiver over a wireless link, ~~wherein the frame rate is a rate of processing a portion of a video frame.~~

26. (Cancelled)

27. (Cancelled)

28. (Original) The method of Claim 25, comprising generating at least one billing document based at least in part on the transmitting act.

29. (Cancelled)

30. (Original) The method of Claim 25, comprising transmitting the video feed to at least one mobile wireless receiver for display of the video on a mobile terminal.

31. (Original) The method of Claim 30, comprising transmitting the video to plural mobile wireless receivers.

32. (Original) The method of Claim 25, wherein the transmitting act is undertaken in response to a successful authentication.

33. (Currently Amended) The method of Claim 25 ~~comprising compressing the video feed~~ wherein dynamically varying the frame rate of regions of the video frames further comprises compressing at a first rate one or more regions of the video frames that exhibit motion and compressing at a second rate one or more regions of the video frames that do not exhibit motion, wherein the second rate is greater than the first rate.

34. (Original) The method of Claim 25, comprising generating plural video feeds of respective surveillance locations and routing the videos to respective wireless receivers in response to user requests for video feeds.

35. – 43. (Cancelled)

44. (Currently Amended) An apparatus for surveillance, comprising:
means for generating at least one video of at least one surveilled location using at least one camera based on an initial frame rate;

means for comparing, during said generating, regions of consecutive video frames to determine one or more regions of the video frames that exhibit motion;

~~means for determining motion of at least one object at the location in the surveilled location during said generating;~~ and

means for dynamically varying the frame rate of regions of the video frames at least partially based on the determined motion in the surveilled location during said generating one or more regions of the video frame that exhibit motion.

45. (Currently Amended) A surveillance apparatus, comprising:

means for generating a video feed by generating video frames of at least one surveilled location based on an initial frame rate;

means for comparing, during said generating, regions of consecutive video frames to determine one or more regions of the video frames that exhibit motion;

~~means for determining motion of at least one object at the location in the surveilled location during said generating;~~

means for dynamically varying the frame rate of regions of the video frames at least partially based on the determined motion in the surveilled location during said generating one or more regions of the video frame that exhibit motion; and

means for transmitting the video feed in real time to at least one monitoring receiver over a wireless link, wherein the frame rate is a rate of processing a portion of a video frame.

46. (Currently Amended) An apparatus for surveillance, comprising:

a camera adapted to generate at least one video of at least one surveilled location based on an initial frame rate; and

a processor adapted to:

~~determine motion of the surveilled location during said generating;~~
~~compare, during said generate, regions of consecutive frames of the at least one~~
~~video to determine one or more regions of the frames that exhibit motion;~~ and

~~dynamically vary the frame rate of regions of frames of the video based on the~~
~~determined motion in the surveilled location during said generating one or more regions~~
~~of the frame that exhibit motion, wherein the frame rate is a rate of processing a portion~~
~~of a video frame.~~

47. (Currently Amended) A surveillance apparatus, comprising:

a camera adapted to generate a video feed by generating video frames based on an initial frame rate;

a processor adapted to:

~~determine motion of at least one object at the location in the surveilled location~~
~~during said generating;~~

~~compare, during said generate, regions of consecutive frames of the at least one~~
~~video to determine one or more regions of the frames that exhibit motion~~

~~dynamically vary the frame rate of regions of frames associated with the frames~~
~~based at least in part on the determined motion of at least one object at the~~
~~location during said generating one or more regions of the frame that exhibit~~
~~motion;~~ and

a transmitter adapted to transmit the video feed in real time to at least one monitoring receiver over a wireless link, ~~wherein the frame rate is a rate of processing a portion of a video frame.~~

48. (Currently Amended) A computer software product for surveillance, comprising:

a computer-readable medium including:

codes for causing the computer to generate at least one video of at least one surveilled location using at least one camera based on an initial frame rate;

~~codes for causing the computer to determine motion in the surveilled location during said generating;~~

codes for causing the computer to compare, during said generate, regions of consecutive frames of the at least one video to determine one or more regions of the frames that exhibit motion; and

codes for causing the computer to dynamically vary the frame rate of regions of frames based on the determined motion in the surveilled location during said generating one or more regions of the frame that exhibit motion.